



RF Explorer WSUB1G PLUS SLIM



RF Explorer WSUB1G+ is a powerful, high performance digital spectrum analyzer covering the 1GHz frequency range starting at 50KHz.

The new SLIM model offers an outstanding robust design, a more convenient USB connector on the side and larger internal battery capacity.

Features

- Internal LNA amplifier and selectable attenuator
- Low frequency support from 50KHz covering LF, MF, HF, VHF and UHF up to 960Mhz
- New HELP and SET buttons to improve user interface and configuration selection with 2-clicks
- Wide band coverage to all popular sub-1Ghz bands, including FM, TV and DTV, ISM, RFID, GSM, etc.
- Ideal choice for HAM bands from 160meters to 33cm
- Pocket size and light weight
- Solid metal case
- Spectrum Analyzer mode with Peak Max and Hold, Normal, Overwrite and Averaging modes
- High capacity internal Lithium battery for 20hs+ of continuous run, rechargeable by USB
- Multi-platform Windows/Linux/macOS Open Source software and API libraries
- Can be extended with internal Expansion Modules for additional band and functionality

Specification

- Frequency band: 0.05 – 960MHz
- Frequency span: 0.1 – 960MHz
- Internal selectable LNA 25dB gain
- Internal selectable Attenuator 30dB
- Graphics LCD 128x64 pixels, great visibility outdoors
- Support included for Windows, Linux and MacOS X
- Backlight for great visibility indoor
- Internal Lithium Ion 1800mA/h rechargeable battery
- Standard SMA 50 ohms connector
- Wideband 144/433MHz dual band telescopic antenna included
- UHF 400-900MHz rubber duck articulated antenna included
- Amplitude resolution: 0.5dBm
- Dynamic range: -125dBm to 10dBm
- Absolute Max input power: +30dBm
- Average noise level (typical LNA): -125dBm
- Frequency stability and accuracy (typical): +-10ppm
- Amplitude stability and accuracy (typical): +-2dBm
- Frequency resolution: 1Khz
- Resolution bandwidth (RBW): automatic 2.6Khz to 600Khz



Note: RF Explorer is a very sensitive spectrum analyzer, specially designed to detect signals with aerial antenna. For extra protection when connecting the analyzer to a signal source with a coaxial cable, we suggest using a RF Explorer Power Limiter. More details at www.rf-explorer.com/PLIMITER

Part List

- 1 x Spectrum Analyzer
- 1 x Mini USB cable
- 1 x Dual band 144/430MHz Telescopic antenna
- 1 x UHF 400-900Mhz antenna
- 1 x EVA case

<http://www.rf-explorer.com/WSUB1GP>

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